



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Peetz Windows and Doors, Inc.**  
15951 SW 41 Street, Suite 150  
Weston, FL 33331

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "American & European, Steel Reinforced" Unclipped Wood Mullion – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 1327, titled "American and European Un-Clipped Bar Reinforced Mullions" sheets 1 through 5 of 5 dated 06/22/05, with revision B1 dated 04/06/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 14-0429.08 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*MP*  
5/29/15

NOA No. 15-0414.10  
Expiration Date: December 22, 2020  
Approval Date: June 04, 2015  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
(Submitted under NOA No. 05-0726.04)
2. Drawing No. 1327, titled "American and European Un-Clipped Bar Reinforced Mullions" sheets 1 through 5 of 5 dated 06/22/05, with revision B1 dated 04/06/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94  
along with installation diagram of two fixed window mulled units, prepared by Hurricane Test Laboratory, LLC, Test Report No. HTL-0284-1018-04, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.  
(Submitted under NOA No. 05-0726.04)
2. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with installation diagram of two fixed window mulled units, prepared by Hurricane Test Laboratory, LLC, Test Report No. HTL-0284-0114-05, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.  
(Submitted under NOA No. 05-0726.04)

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-5<sup>th</sup> Edition (2014), dated 06/23/05 and updated on 04/06/15, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. None.



Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0414.10

Expiration Date: December 22, 2020

Approval Date: June 04, 2015

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

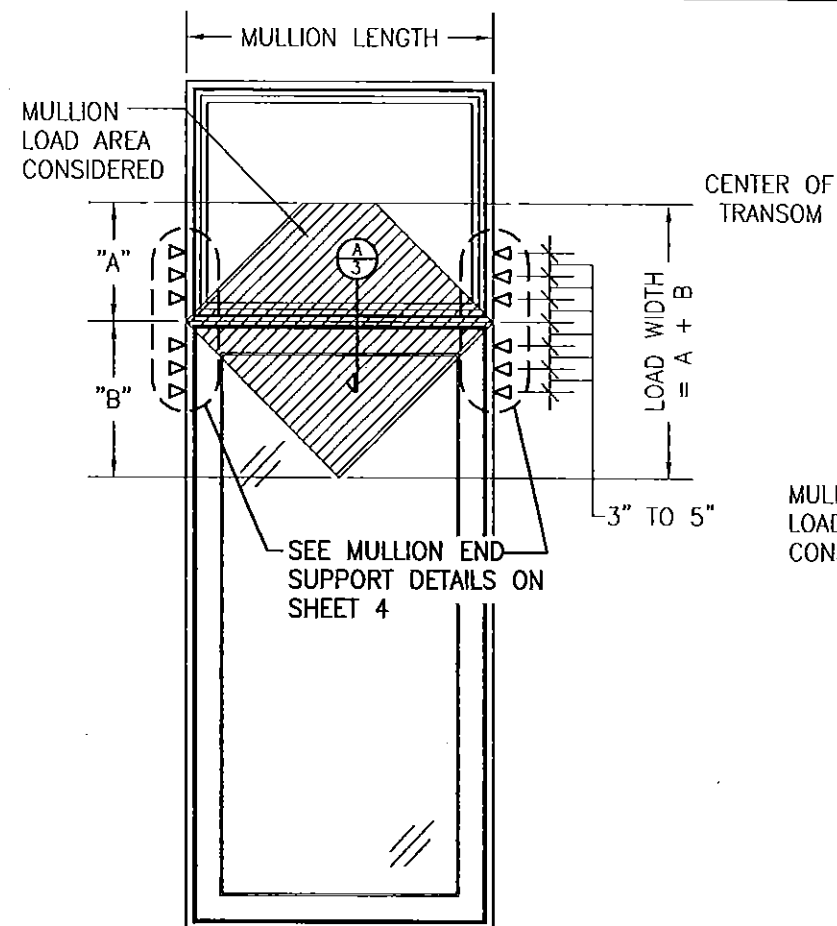
1. Statement letter of conformance, complying with **FBC-5<sup>th</sup> Edition (2014)**, dated April 6, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated April 6, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letters for Test Reports No. **HTL-0284-1018.04** and **HTL-0284-1018.05**, issued by Hurricane Test Laboratory, LLC, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under NOA No. 05-0726.04)*

**G. OTHERS**

1. Notice of Acceptance No. **14-0429.08**, issued to Peetz Windows and Doors, Inc. for their Series "American & European, Steel Reinforced" Unclipped Wood Mullion – L.M.I.", approved on 07/24/14 and expiring on 12/22/15.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0414.10

Expiration Date: December 22, 2020  
Approval Date: June 04, 2015



"A" = LESSER OF (MULLION LENGTH/2) OR (TRANSOM HEIGHT/2)

"B" = MULLION LENGTH/2

#### SINGLE WINDOW OR DOOR WITH FIXED TRANSOM

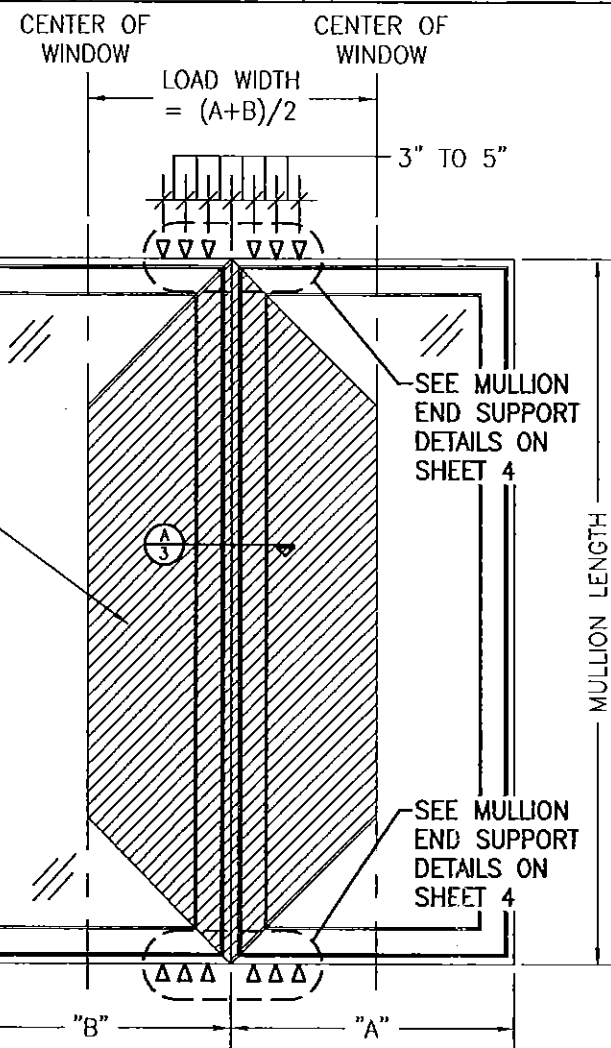
(SEE LOAD TABLE 1.0)

NOTE: WINDOW/DOOR MAY BE ANY FIXED OR OPERABLE UNIT

NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL

#### GENERAL NOTES (ALL DRAWING SHEETS):

1. THESE MULLION SYSTEMS HAVE BEEN ANALYZED AND CERTIFIED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE LOAD TABLES.
2. OPENINGS, INCLUDING BUCKS (IF USED AS SUPPORT), MUST BE DESIGNED & CONSTRUCTED TO WITHSTAND WIND LOADS TRANSFERRED BY THE MULLIONS END REACTIONS & SUPPORTED WINDOWS/DOORS.
3. ALL MATERIALS & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THESE MULLION SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH & MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
5. ALLOWABLE PRESSURE ON THE MULLED UNIT SHALL BE CONTROLLED BY THE LESSER ALLOWABLE PRESSURE OF THE MULLION OR THE INDIVIDUAL DOOR/WINDOW UNITS.
6. WINDOW/DOOR SIZES SHALL BE AS RESTRICTED BY THEIR OWN INDIVIDUAL APPROVALS/CERTIFICATIONS.
7. FOR WINDOW OR DOOR FRAME TO OPENING ATTACHMENT, SEE THE RESPECTIVE PRODUCT CERTIFIED DRAWINGS/SPECIFICATIONS FOR THE WINDOW/DOOR.
8. MULLION LENGTHS ARE RESTRICTED BY THOSE SHOWN IN THE TABLES.
9. THE LOADS IN THESE TABLES CONSIDER WORSE CASE OF MULLION STRESS, DEFLECTION AND END REACTION.

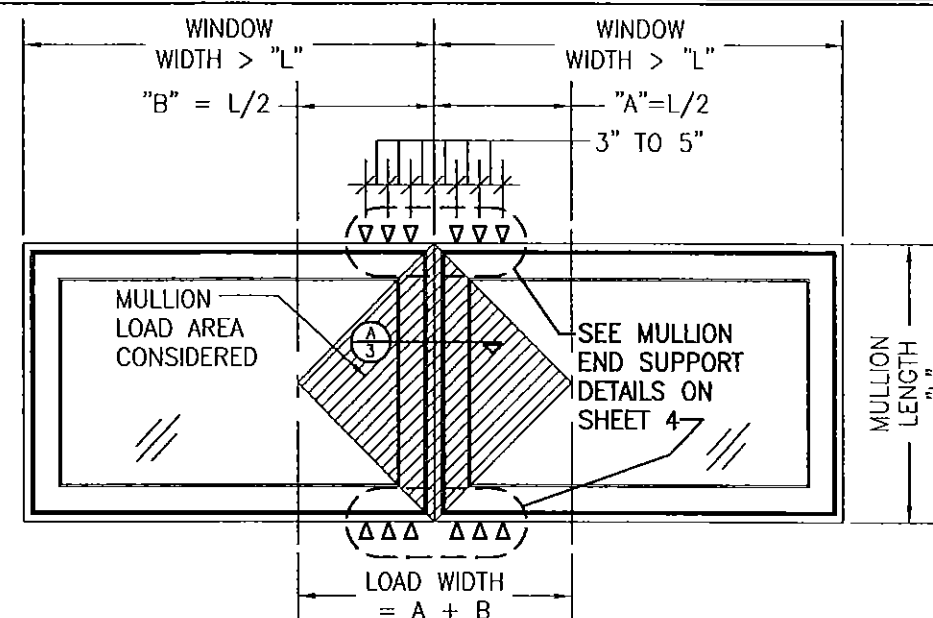


#### FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH

(SEE LOAD TABLE 1.0)

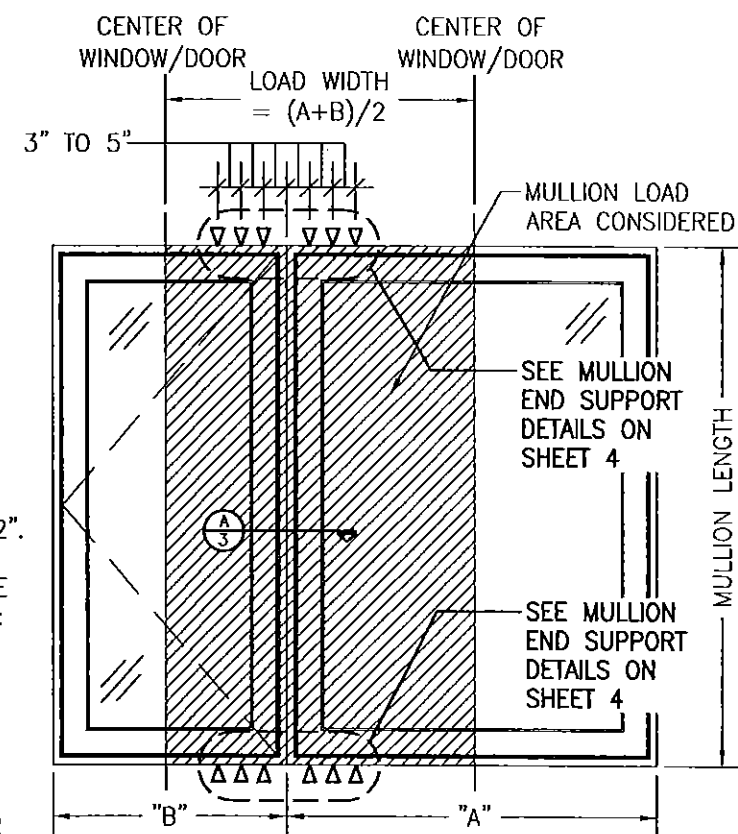
NOTE: MULLION MAY BE HORIZONTAL OR VERTICAL

10. ANY CONDITIONS NOT COVERED IN THIS CERTIFICATION SHALL BE SUBJECT TO SEPERATE ENGINEERING REVIEW.
11. ALL EMBEDMENTS SPECIFIED ARE TO BE BEYOND WALL FINISH.
12. MULLION BAR MUST BE CONTINUOUS END TO END WITH MAX. END SET-BACKS OF 2".
13. WHEN VERTICALLY STACKED, THE MANUFACTURER/INSTALLER SHALL INSURE THAT THE DEAD WEIGHT OF THE ABOVE WINDOWS WILL NOT CAUSE UNDO STRESS ON THE BELOW WINDOWS. THESE MULLIONS ARE DESIGNED TO SUPPORT WIND LOAD ONLY & ARE NOT CONSIDERED TO SUPPORT DEAD LOAD OF THE WINDOWS/DOORS.
14. ALL ANCHORS SPECIFIED HERE-IN THAT ARE TO PENETRATE PRESSURE TREATED (P.T.) LUMBER SHALL BE OF A MATERIAL CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
15. DOORS & WINDOWS SHALL BE UNDER SEPERATE CERTIFICATION. SEE THE PRODUCTS SPECIFIC CERTIFICATION FOR THEIR USE.
16. THE FOLLOWING PEETZ WINDOWS AND DOORS PRODUCTS SHALL BE APPLICABLE FOR USE WITH THIS MULLION APPROVAL:  
AMERICAN & EUROPEAN DIRECT GLAZED WOOD WINDOWS  
AMERICAN IN-SWING & OUT-SWING FIXED & OPERABLE CASEMENT WOOD WINDOWS  
AMERICAN IN-SWING & OUT-SWING WOOD DOORS  
EUROPEAN IN-SWING FIXED & OPERABLE CASEMENT WINDOWS  
EUROPEAN OUT-SWING DOORS (FIXED & OPERABLE)  
OTHER PRODUCTS NOT LISTED SHALL BE SUBJECT TO SEPERATE REVIEW/APPROVAL FOR USE WITH THIS MULLION APPROVAL.
17. THIS MULLION SYSTEM HAS SUCCESSFULLY PASSED TESTING TO THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT.



#### FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH

(SEE LOAD TABLE 1.0)



#### SINGLE OPERABLE DOOR/WINDOW TO A SINGLE OPERABLE OR FIXED DOOR/WINDOW

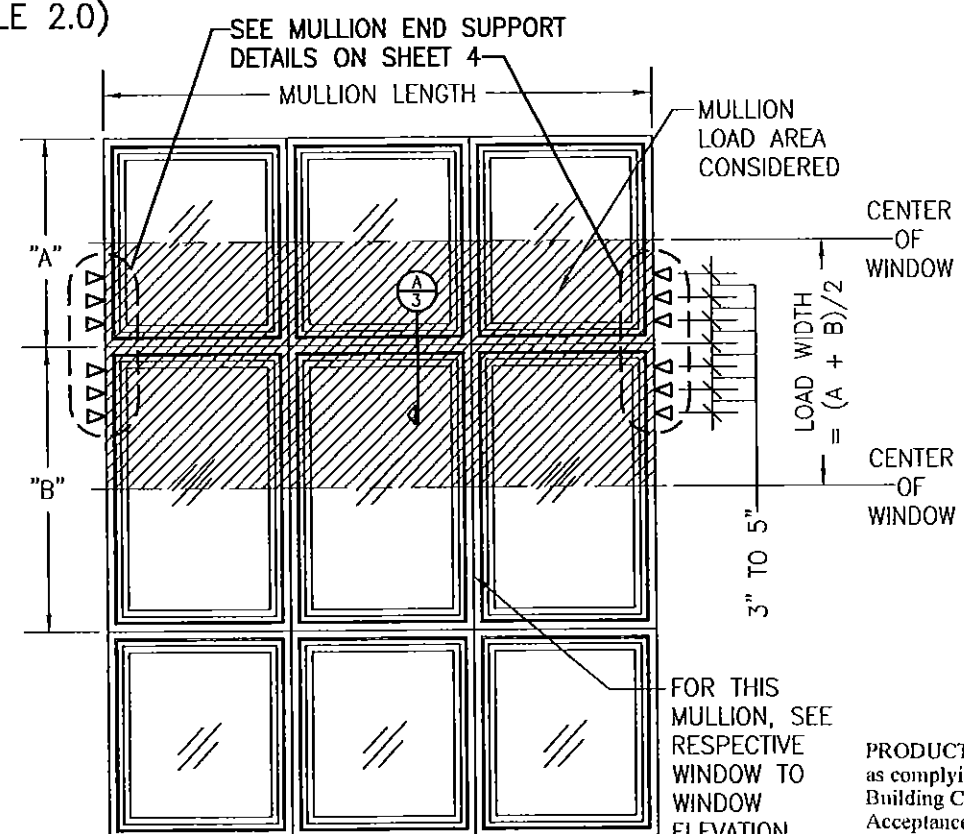
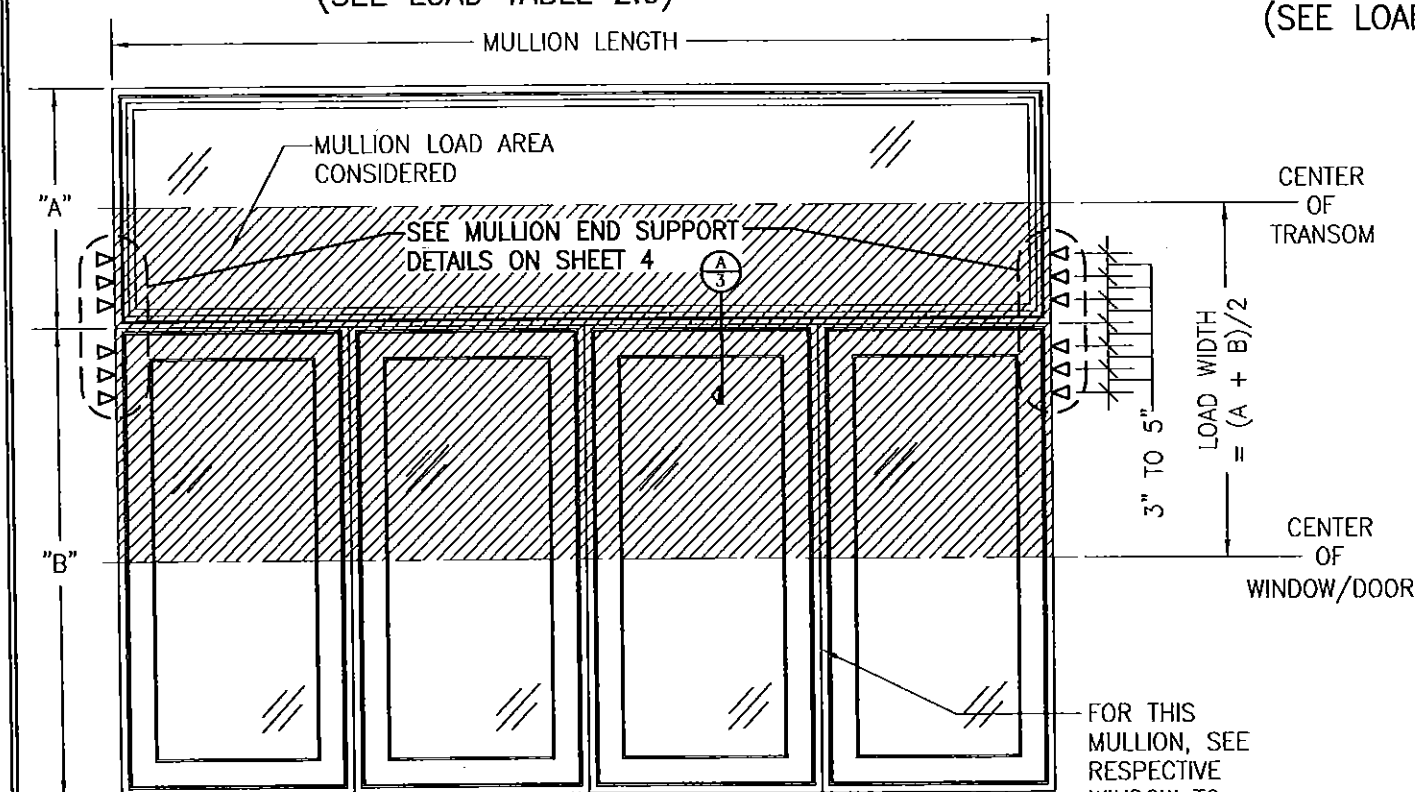
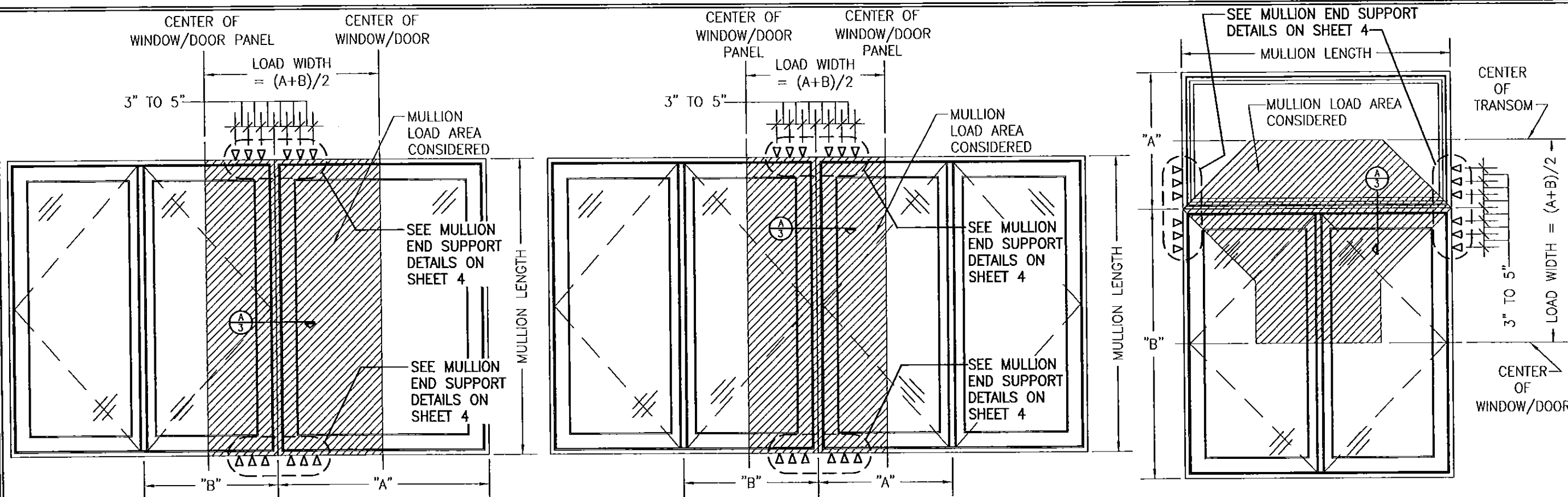
(SEE LOAD TABLE 2.0)

PRODUCT REVISED  
as complying with the Florida  
Building Code

Acceptance No 15-0414.10  
Expiration Date Dec. 22, 2020

By *Manuel Ferraz*  
Miami Trade Product Control

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 05/22/05	
NO.	REVISION	DESCRIPTION	DATE
A1	BY WWS	UPDATE TO PRESENT STANDARDS	05/04/10
B1	BY WWS	UPDATE TO PRESENT STANDARDS	04/06/15
DRAWING TITLE			
AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS			
CONSULTANTS			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.			
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
MANUFACTURER			
PEETZ WINDOWS & DOORS			
15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
CERTIFICATION			
APR 06 2015			
DRAWING NO. 1327			
SHEET NO. 1 OF 5			

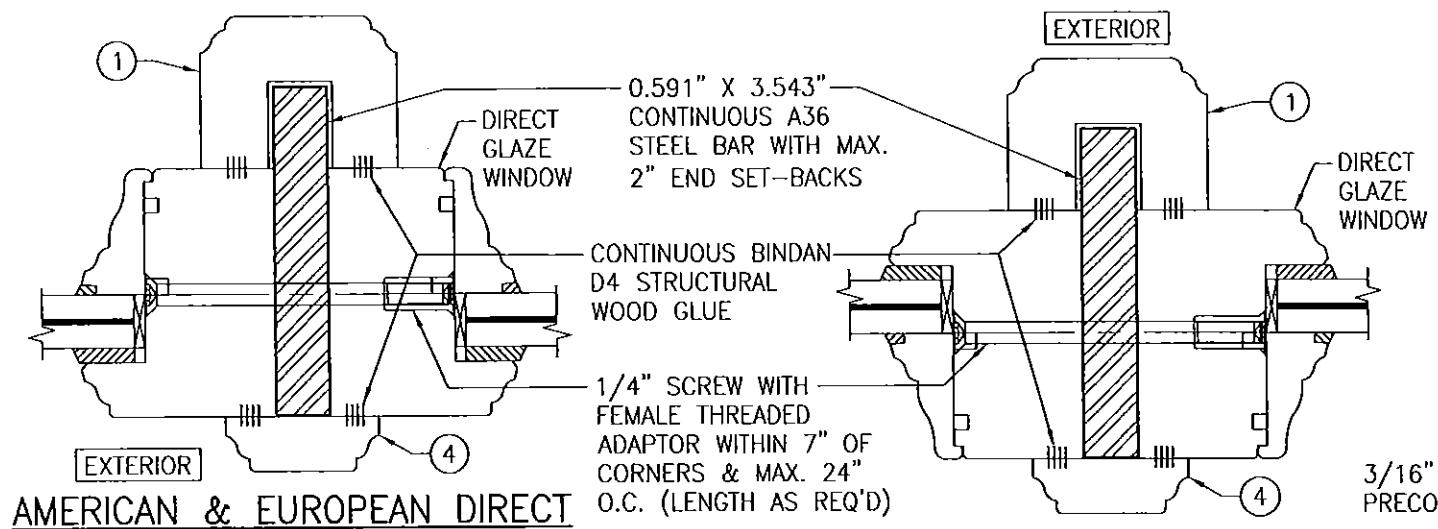


NOTES: 1. TRANSOM MAY BE SINGLE OR MULTIPLE WINDOWS.  
2. CONTINUOUS MULLION MAY BE HORIZONTAL OR VERTICAL (HORIZONTAL SHOWN).

(CONTINUOUS MULLION MAY BE HORIZONTAL OR VERTICAL (HORIZONTAL SHOWN))

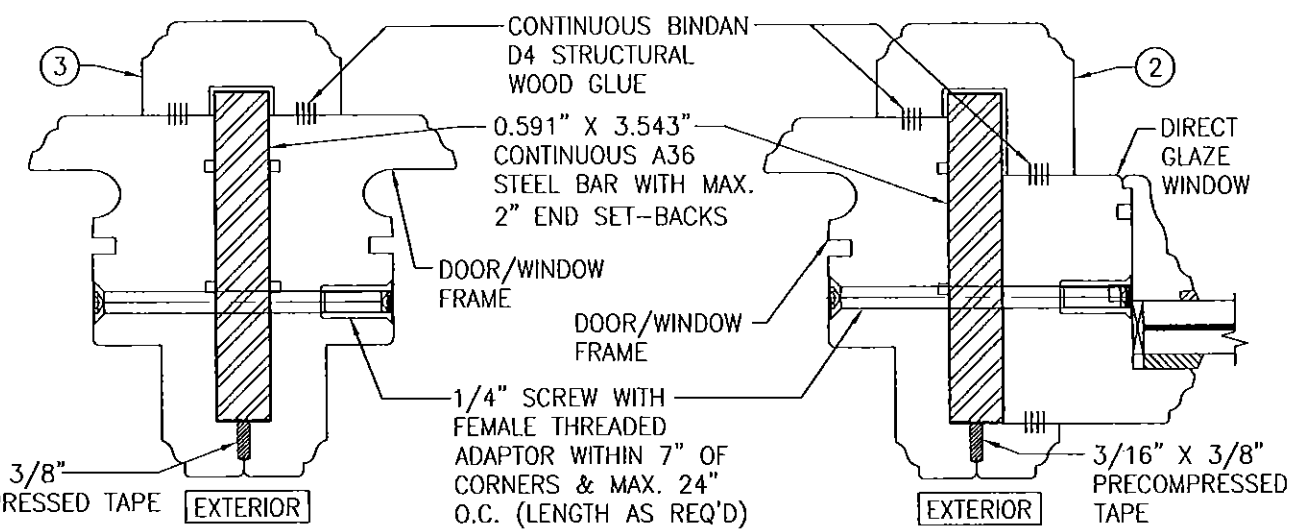
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 15-0414.10  
Expiration Date Dec 22, 2020  
By *Manuel Perez*  
Miami Code Product Control

DRAWING TITLE		DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS		PLOT: 1-24		DATE: 06/22/05	
CONSULTANTS		NO.		REVISION DESCRIPTION	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		DATE		BY	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424		NO.		REVISION DESCRIPTION	
MANUFACTURER		NO.		REVISION DESCRIPTION	
PEETZ WINDOWS & DOORS		NO.		REVISION DESCRIPTION	
15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887		NO.		REVISION DESCRIPTION	
CERTIFICATION		DRAWING NO.		REV.	
APR 06 2015		1327		B	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135		SHEET NO.		2 OF 5	



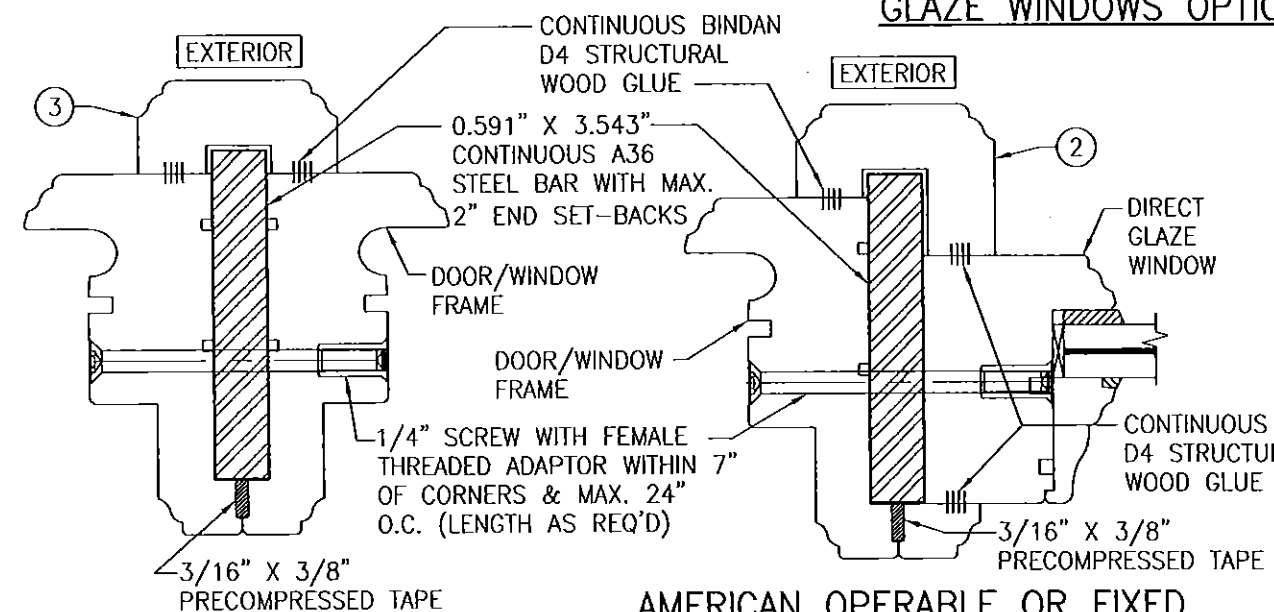
**AMERICAN & EUROPEAN DIRECT GLAZE WINDOWS OPTION 1**

**AMERICAN & EUROPEAN DIRECT GLAZE WINDOWS OPTION 2**



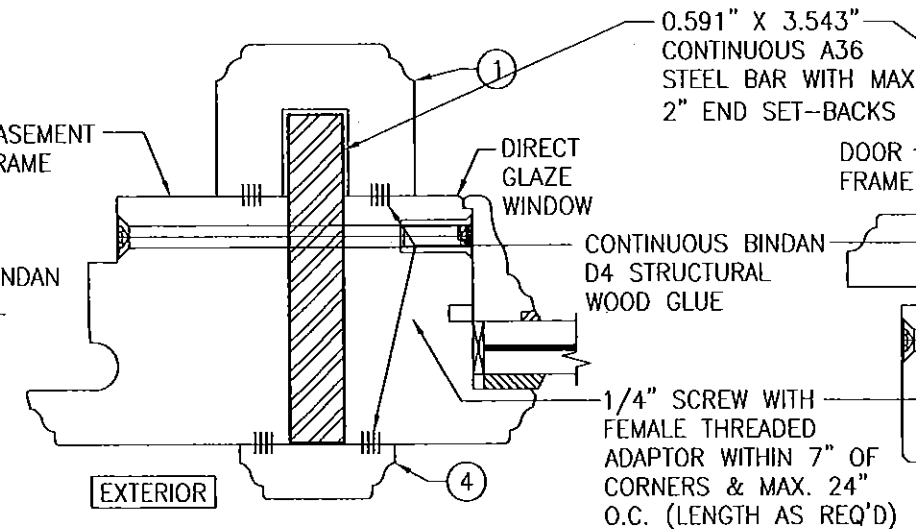
**AMERICAN OPERABLE & FIXED PANEL OUT-SWING DOORS OR CASEMENT WINDOWS**

**AMERICAN OPERABLE OR FIXED PANEL OUT-SWING DOOR OR CASEMENT WINDOWS TO DIRECT GLAZE WINDOW**

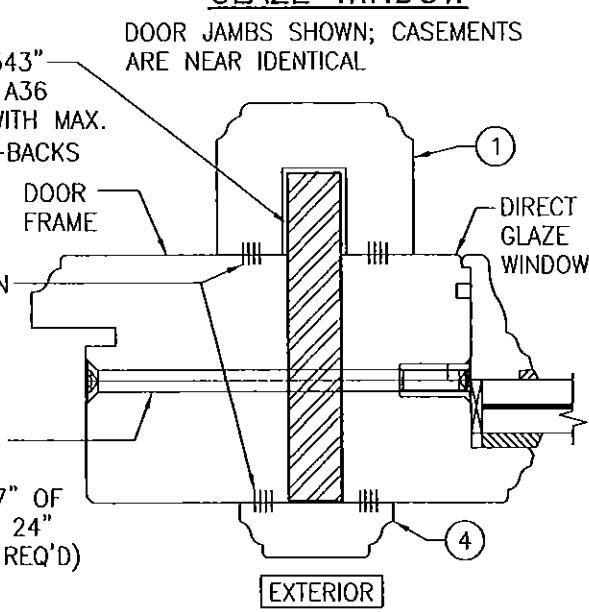


**AMERICAN OPERABLE & FIXED PANEL IN-SWING DOORS OR CASEMENT WINDOWS**

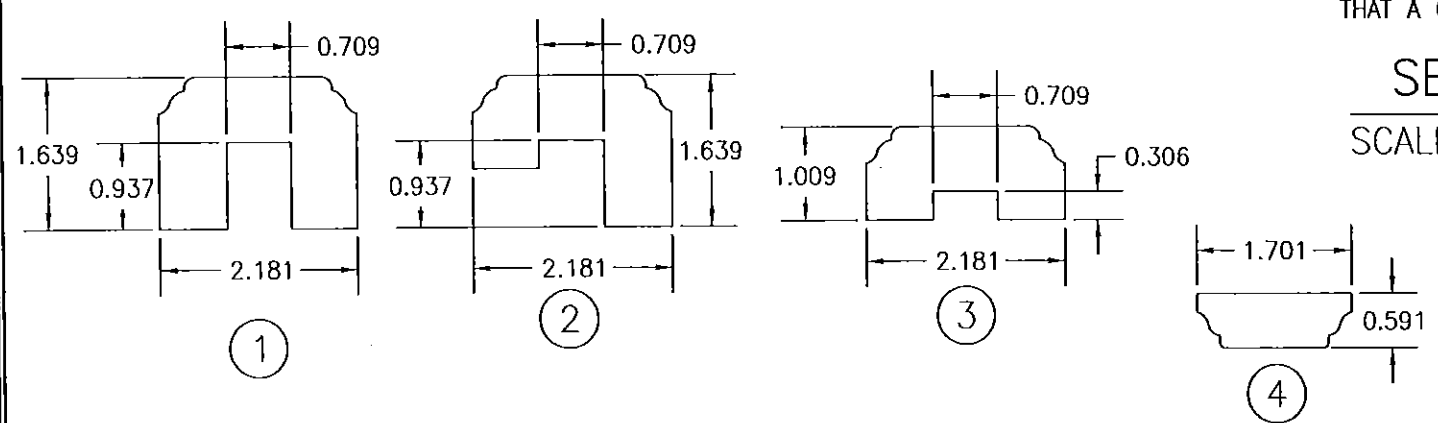
**AMERICAN OPERABLE OR FIXED PANEL IN-SWING DOOR OR CASEMENT WINDOWS TO DIRECT GLAZE WINDOW**



**EUROPEAN OPERABLE OR FIXED PANEL IN-SWING CASEMENT WINDOWS TO DIRECT GLAZE WINDOW**



**EUROPEAN OPERABLE OR FIXED PANEL OUT-SWING DOOR TO DIRECT GLAZE WINDOW**

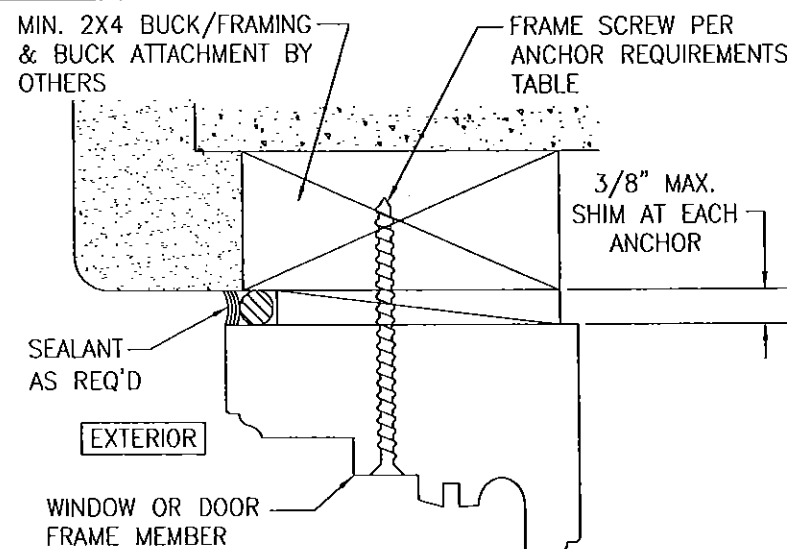


**SECTIONS**  
SCALE: 1/2 FULL

- NOTES:**
1. WINDOW AND DOOR SASH, HARDWARE, ETC. NOT SHOWN FOR CLARITY AS THEY DO NOT EFFECT THE MULLION CONDITION. SEE INDIVIDUAL WINDOW & DOOR APPROVALS FOR WINDOW OR DOOR DETAILS.
  2. WOOD MATERIALS FOR PARTS NO. 1 THROUGH 4 SHALL BE THE SAME AS APPROVED AND USED WITH THE WINDOWS/DOORS BEING MULLED UNDER THIS APPROVAL.
  3. DIMENSIONS OF PARTS 1 THROUGH 4 ARE MINIMUMS AND MAY BE INCREASED.

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Expiration Date Dec. 22, 2020  
By *Manuel Prie*  
Miami Trade Product Control

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 06/22/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE <b>AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b> 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION <i>APR 06 2015</i> WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. <b>1327</b>		REV. <b>B</b>	
SHEET NO. <b>3</b>		OF <b>5</b>	



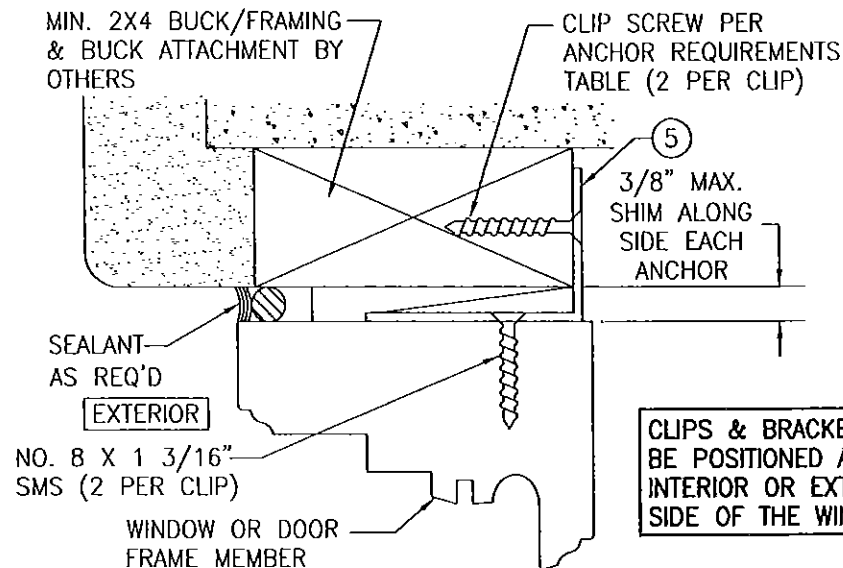
### SHEAR SCREW INSTALLATION DETAIL

(6 SCREWS PER MULLION END)

OUT-SWING FRAME CONDITION SHOWN. IN-SWING IS THE SAME EXCEPT FRAME MEMBER IS MIRRORED.

BUCK CONDITION SHOWN. METAL STUD, STRUCTURAL STEEL, BLOCK OR CONCRETE SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET.

AMERICAN CASEMENT WINDOW FRAME MEMBERS ARE USED IN THESE DETAILS. ALL OTHER PRODUCT FRAMES LISTED AS APPLICABLE WITH THE BAR MULLION IN THIS APPROVAL APPLY AND ARE INSTALLED IDENTICAL TO THAT SHOWN IN THESE DETAILS.

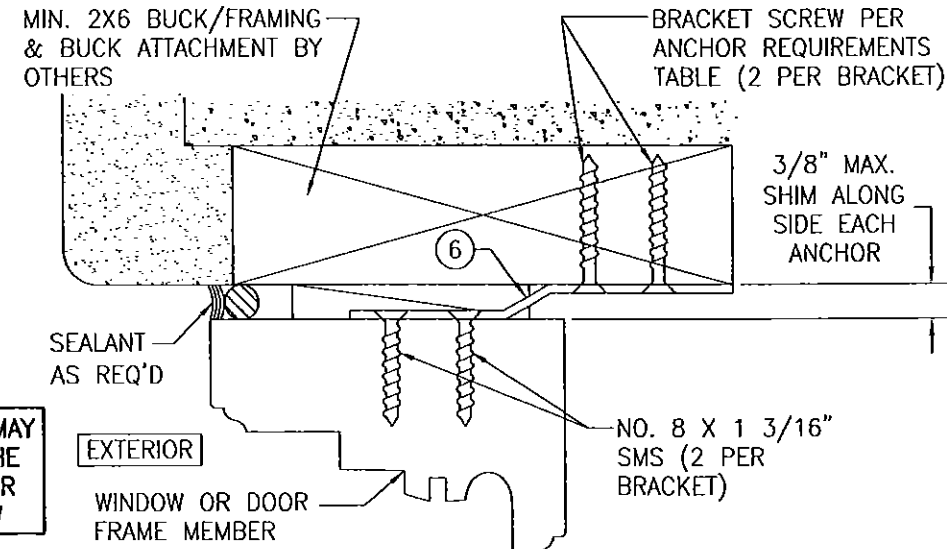


### ANGLE CLIP INSTALLATION DETAIL

(6 CLIPS PER MULLION END)

OUT-SWING FRAME CONDITION SHOWN. IN-SWING IS THE SAME EXCEPT FRAME MEMBER IS MIRRORED.

BUCK CONDITION SHOWN. STRUCTURAL STEEL SUBSTRATE ALSO APPLYS IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET.

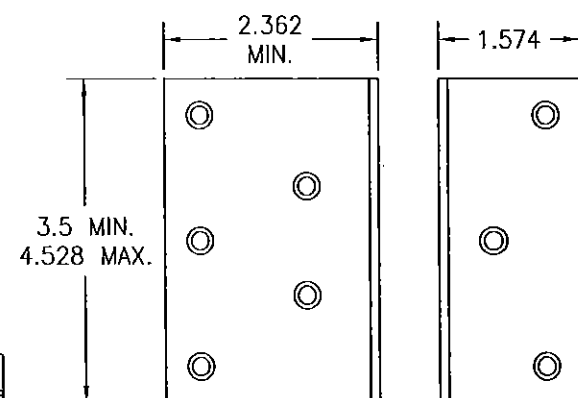


### MOUNTING BRACKET INSTALLATION DETAIL

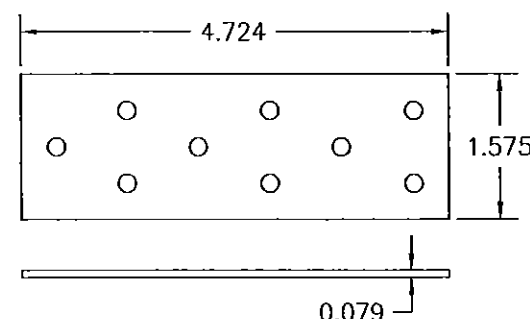
(6 BRACKETS PER MULLION END)

OUT-SWING FRAME CONDITION SHOWN. IN-SWING IS THE SAME EXCEPT FRAME MEMBER IS MIRRORED.

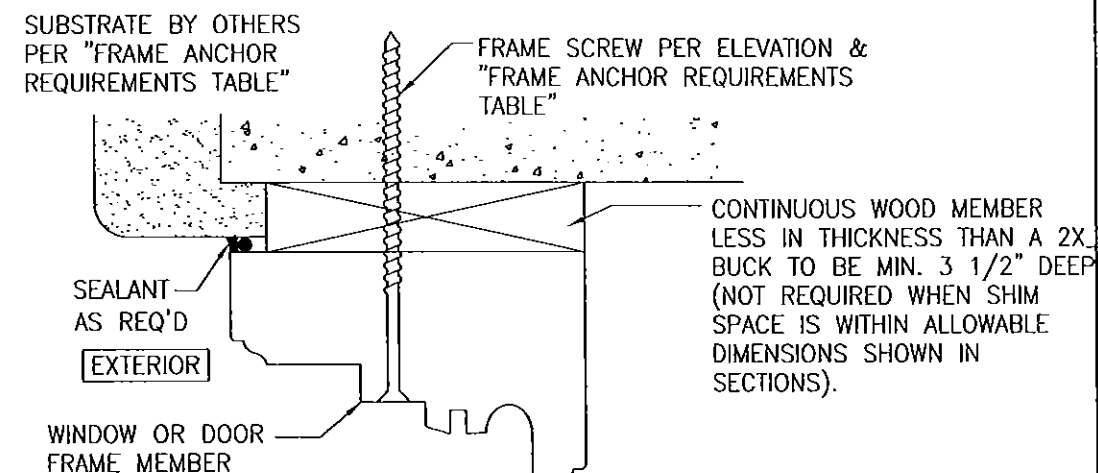
BUCK CONDITION SHOWN. METAL STUD, STRUCTURAL STEEL, BLOCK OR CONCRETE SUBSTRATES ALSO APPLY IN LIEU OF BUCKS PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET.



### 5 FRAME INSTALLATION ANGLE CLIP



### 6 FRAME MOUNTING BRACKET



### OPTIONAL DIRECT MOUNT DETAIL TO BLOCK OR CONCRETE WITH SPACER OR SHIM

FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	FRAME/CLIP/BRACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"
MIN. 16 GA. 50 KSI METAL STUD	NO. 14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 14 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
ANGLE CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.)			

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Acceptance No 15-0414-10  
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By *Manuel Perez*  
Miami Trade Product Control

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 06/22/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN AND EUROPEAN UN-CLIPPED BAR REINFORCED MULLIONS			
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION APR 06 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1327		REV. B	
SHEET NO. 4		OF 5	



